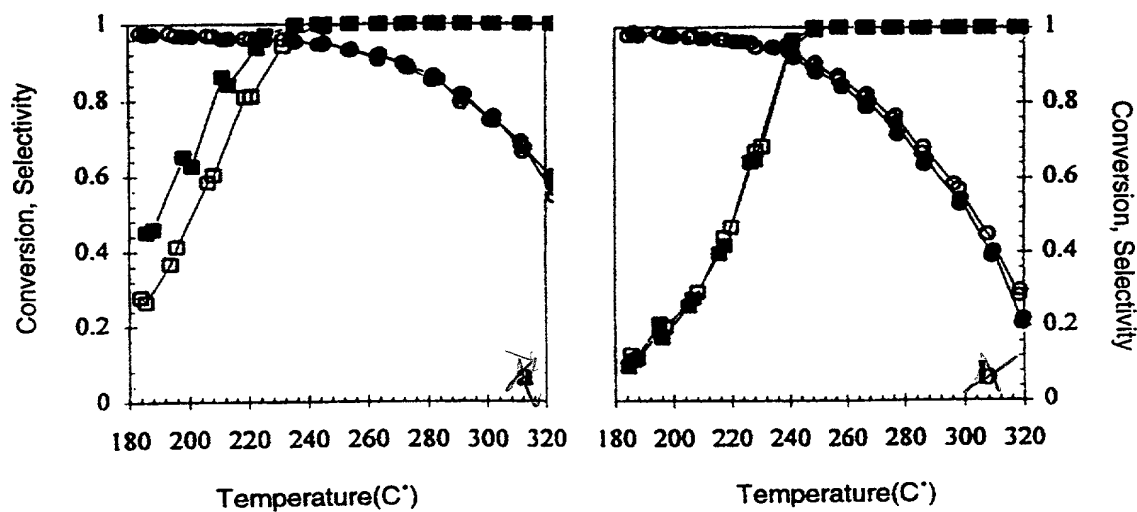


Fig. 1



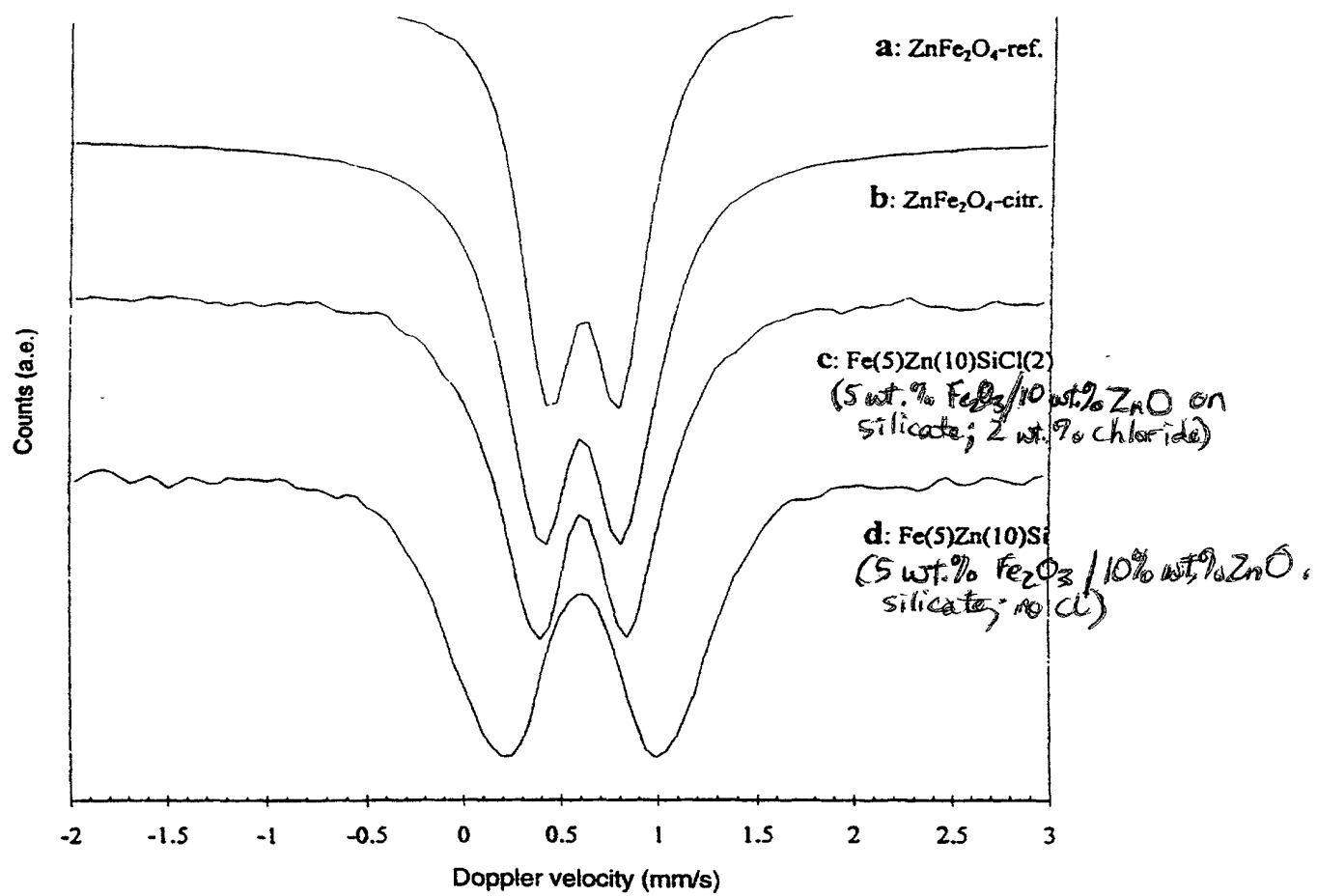


Fig. 3

FIG. 4 A

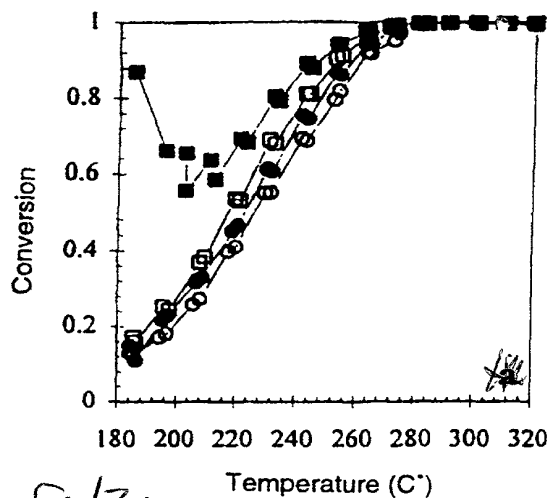
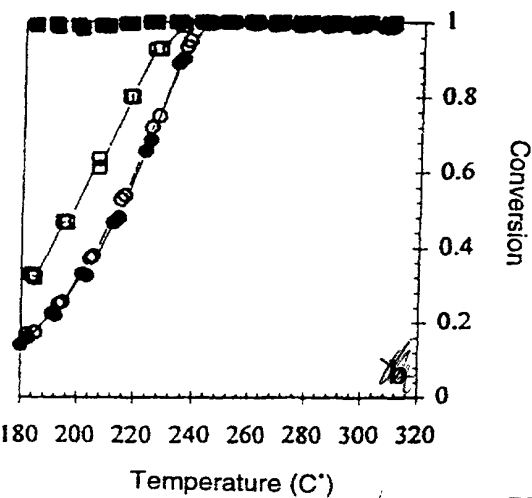


FIG. 4 B



Fe/Zn
Fe₇Zn catalyst

a) Fe(5)Zn(10)Si-Cl. (5 wt. % Fe₂O₃/10 wt. % ZnO on silica, with Cl)
b) Fe(5)Zn(10)Si. (5 wt. % Fe₂O₃/10 wt. % ZnO on silica, w/ out Cl)

5 wt.% iron oxide on silica
H₂S conversion ■ 3rd, □ 4th
Selectivity to S: ● 3rd, ○ 4th

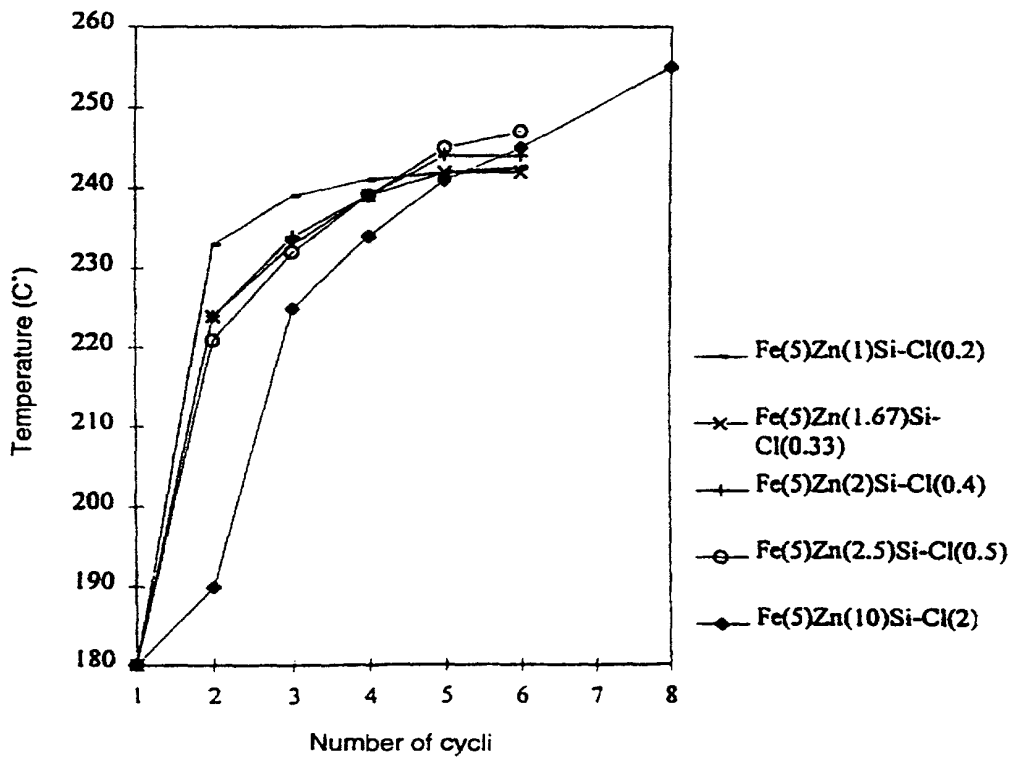
~~Fig. 4~~

Fig. 5

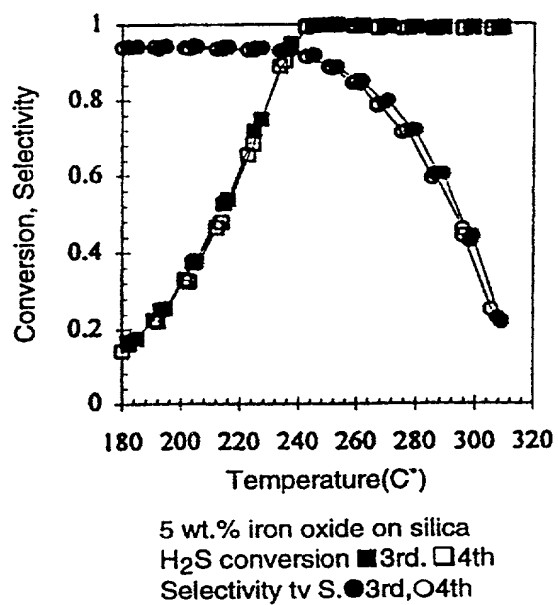


Fig. 1

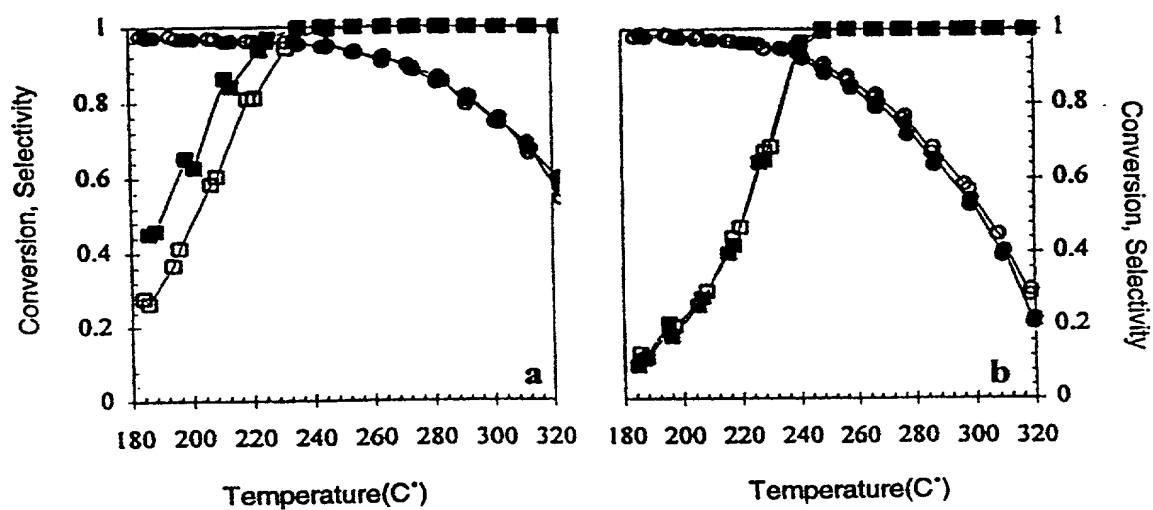


Fig. 2

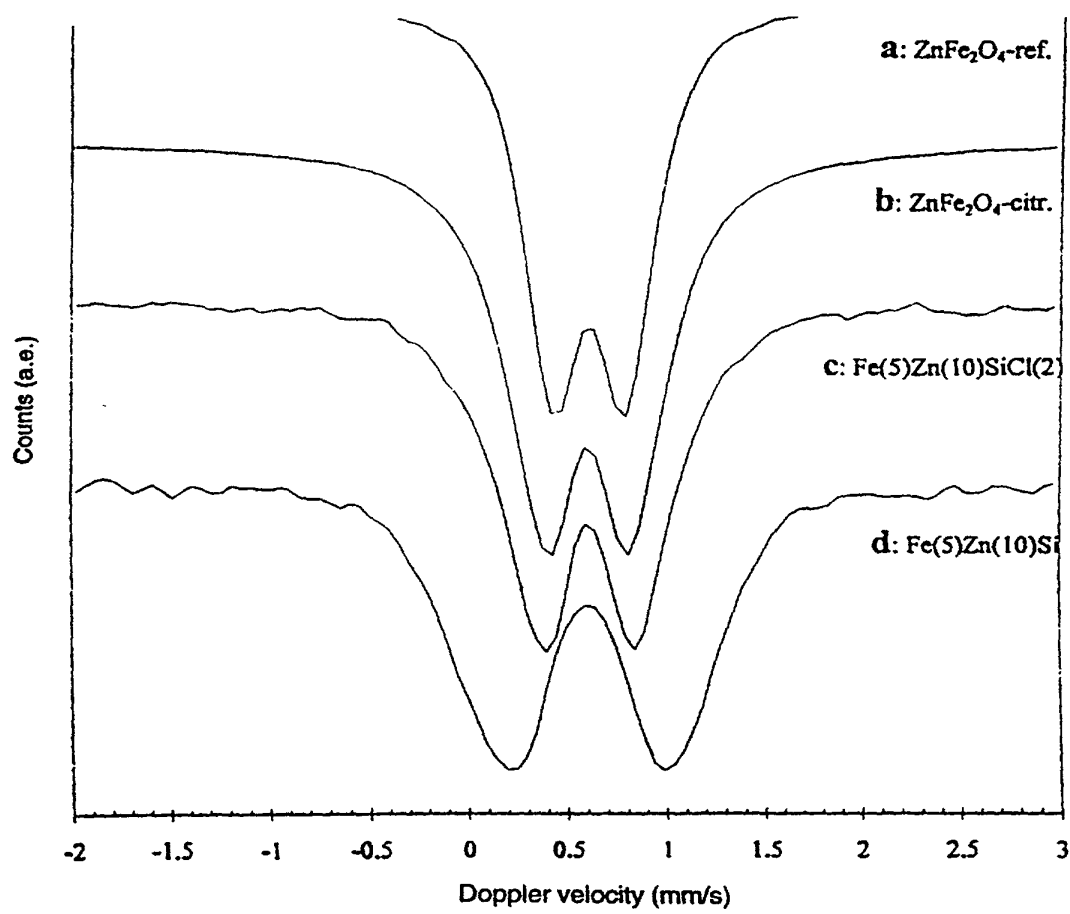
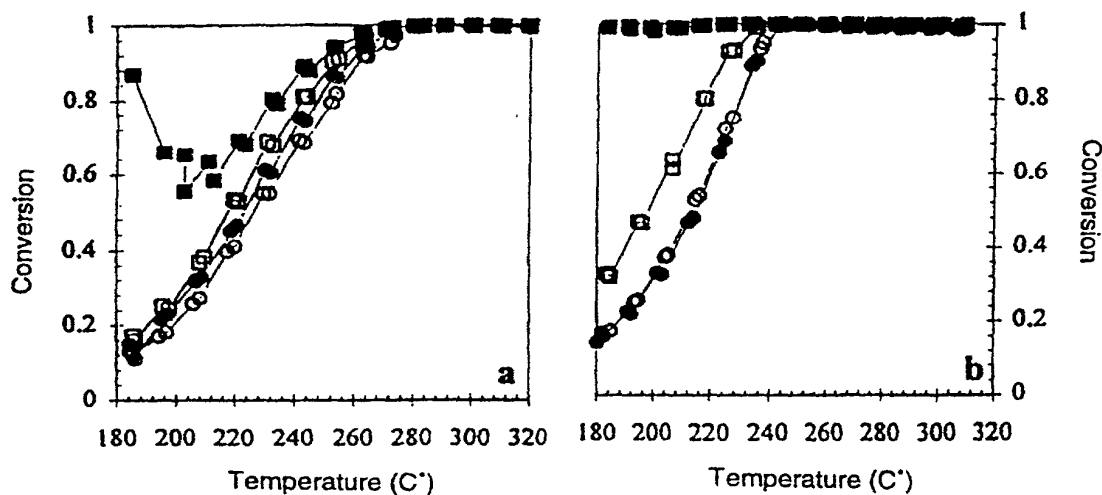


Fig. 3



Fe₇Zn catalyst

a) Fe(5)Zn(10)Si-Cl.

b) Fe(5)Zn(10)Si.

5 wt.% iron oxide on silica
H₂S conversion ■ 3rd, □ 4th
Selectivity to S: ● 3rd, ○ 4th

Fig. 4

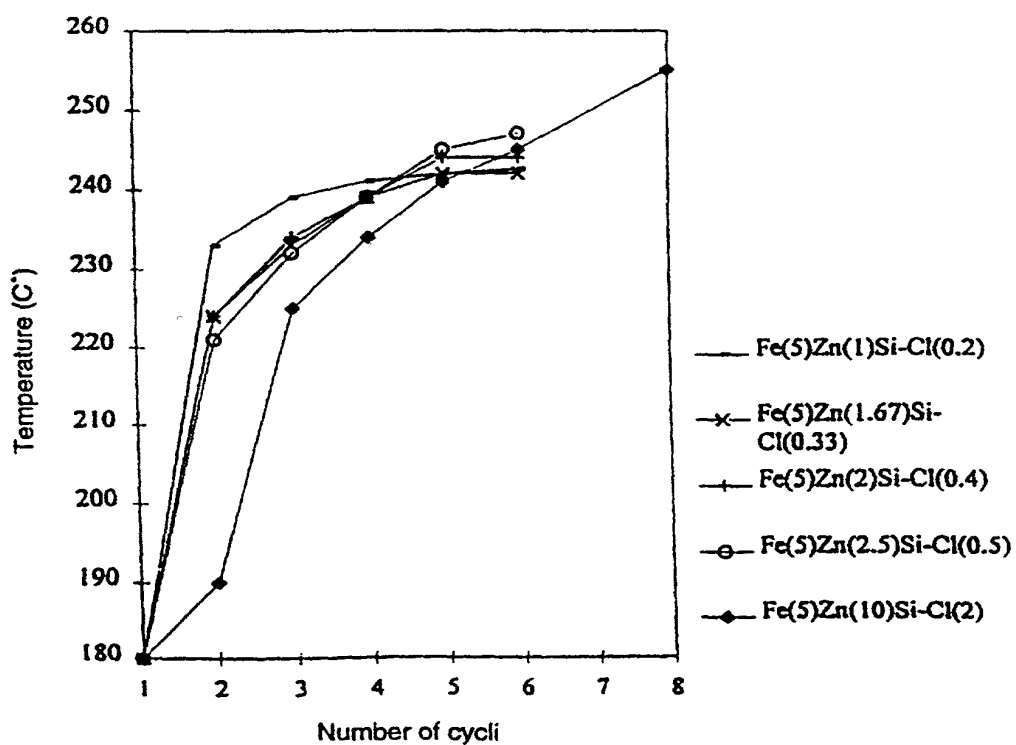


Fig. 5